

Serial Number 09/414,518

AMENDMENTS TO DRAWINGS

Please amend Fig. 6 to specify that the Voice Generator in the illustrated example may be a “PWM Voice Generator,” and to add a second arrow between blocks 63 and 64 to correspond to the second arrow illustrated in Fig. 8.

Please amend Fig. 8 to indicate block 63, labeled “PWM Voice Generator” to correspond to block 63 of Fig. 7.

The amendments to the drawings are indicated on the attached ANNOTATED SHEETS and included in the attached REPLACEMENT SHEETS.

REMARKS

The Examiner is thanked for the courtesy extended during an interview at her office on September 22, 2005.

During the interview, the Examiner pointed out confusing inconsistencies between the claims and drawings. In reply, the drawings have been amended to clarify that the preferred embodiment of the voice generator illustrated in the drawings is a “PWM [pulse width modulator] voice generator” and that Fig. 8 shows an example of the voice generator of Fig. 6. In addition, claim 1 has been amended to recite adjustment of sampled signal amplitudes and not magnitudes.

It is believed that these amendments overcome the objection to the drawings under **37 CFR §1.83(a)** and also the rejection of claims 28-30, 32-35, and 38-44 under **35 USC §112, 2nd Paragraph** since the drawings now clearly show the pulse width modulator, and since the function of the pulse width modulator and how it performs adjustment of the magnitude of the signals is now clear from Fig. 8 and the original description thereof. For example, as explained in lines 3-5 on page 9: “*The overflow signal of the high-speed counter 9 [described on page 8 as part of the PWM circuit] is used for generating a high frequency pulse S_{se} , whose width represents **amplitude** of the voice signals.*”

As pointed out during the interview, page 8, lines 9-12 specifically point out that the voice generator of Fig. 6 may in fact be a PWM voice generator, and page 8, lines 16 *et seq.* point out that Fig. 8 shows an example of a “PWM voice generator.” As a result, it is respectfully submitted that the amendments to the drawings do not involve “new matter.” In fact, the PWM voice generator is a conventional circuit (as stated in lines 15-16 on page 8, and illustrated in Fig. 4), and the invention lies in its *combination* with a channel selector rather than an adder, and use of the channel signals as the basis for generating the voice signal.

Serial Number 09/414,518

Having thus overcome each of the rejections made in the Official Action, withdrawal of the rejections and expedited passage of the application to issue is requested.

Respectfully submitted,

BACON & THOMAS, PLLC

A handwritten signature in black ink, appearing to be 'B. Urcia', with a long horizontal line extending to the right.

By: BENJAMIN E. URCIA
Registration No. 33,805

Date: November 2, 2005

BACON & THOMAS, PLLC
625 Slaters Lane, 4th Floor
Alexandria, Virginia 22314

Telephone: (703) 683-0500

NWB:S:\Producer\ben\Pending Q...ZYVYAN0414518a07.wpd